

**To:** Kappelman, David[Kappelman.David@epa.gov]; Delgado, Eric[Delgado.Eric@epa.gov]  
**From:** Ostrander, David  
**Sent:** Fri 9/11/2015 3:08:31 PM  
**Subject:** FW: GKM Document Needs - Q13 and OSWER Q2  
[timelinemac2.pdf](#)

**From:** Ostrander, David  
**Sent:** Friday, September 11, 2015 8:37 AM  
**To:** Lee, Eugene; Natarajan, Nitin; EOC Environmental Unit; EOC\_Manager,  
**Cc:** Cheatham, Reggie; Woodyard, Josh; Irizarry, Gilberto; Abraham, Virginia; Foster, Althea  
**Subject:** RE: GKM Document Needs - Q13 and OSWER Q2

See attached document. I will send the other plume timeline next

**From:** Lee, Eugene  
**Sent:** Friday, September 11, 2015 8:31 AM  
**To:** Natarajan, Nitin  
**Cc:** Cheatham, Reggie; Woodyard, Josh; Irizarry, Gilberto; Abraham, Virginia; Ostrander, David  
**Subject:** GKM Document Needs - Q13 and OSWER Q2

Nitin,

See below input to questions we received yesterday evening. Some of this may be redundant to what has already been provided.

Q 13. Timeline of activities as they occur on-site – Nitin/Reggie

August 27 posting contains site file memo partial chronology, Weston Tech memo, and email describing on-site chronology

<http://www2.epa.gov/goldkingmine/gold-king-mine-chronology>

OSWER Q2 - Following is the language provided for Mathy's testimony on total annual ER numbers:

From FY 2009 to FY 2014, the EPA completed or oversaw an average of 367 removal actions per year across the country.

Note: OEM does not have a number for number of mine cleanups per year.

Let us know if more is needed.

Eugene